

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR  
**09/926328**INTERNATIONAL APPLICATION NO.  
**PCT/FR00/00917**INTERNATIONAL FILING DATE  
**11 APRIL 2000**PRIORITY DATE CLAIMED  
**15 APRIL 1999**

## TITLE OF INVENTION

**TWO-DIMENSIONAL DETECTOR OF IONIZING RADIATION AND PROCESS FOR MANUFACTURING THIS DETECTOR**

## APPLICANT(S) FOR DO EO US

**Jean-Louis GERSTENMAYER**

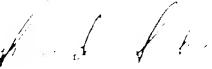
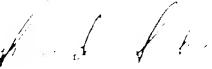
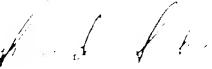
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4.  The US has been elected by the expiration of 19 months from the priority date (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10.  An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11.  A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12.  A copy of the International Search Report (PCT/ISA/210).

**Items 13 to 20 below concern document(s) or information included:**

13.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15.  A **FIRST** preliminary amendment.
16.  A **SECOND** or **SUBSEQUENT** preliminary amendment.
17.  A substitute specification.
18.  A change of power of attorney and/or address letter.
19.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
20.  A second copy of the published international application under 35 U.S.C. 154(d)(4).
21.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
22.  Certificate of Mailing by Express Mail
23.  Other items or information:

**Notice of Priority, Drawings (3 sheets)****PCT/IB/304, PCT/IB/308****Amended Sheets 1 and 1a****Request for Consideration of Documents Cited in the International Search Report**

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR <b>09/926321</b>	INTERNATIONAL APPLICATION NO. <b>PCT/FR00/00917</b>	ATTORNEY'S DOCKET NUMBER <b>214807US2PCT</b>																																																																			
24. The following fees are submitted: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="width: 60%; padding: 5px;"><b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :</b></td> <td style="width: 40%; padding: 5px; text-align: center;"><b>CALCULATIONS PTO USE ONLY</b></td> </tr> <tr> <td colspan="2" style="padding: 5px;"> <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO .....  <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....  <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....  <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....  <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....         </td> <td style="padding: 5px; text-align: center;">\$1040.00 \$890.00 \$740.00 \$710.00 \$100.00</td> </tr> <tr> <td colspan="2" style="padding: 5px; text-align: center;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></td> <td style="padding: 5px; text-align: center;"><b>\$890.00</b></td> </tr> <tr> <td colspan="2" style="padding: 5px;">Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)).</td> <td style="padding: 5px; text-align: center;"><b>\$0.00</b></td> </tr> <tr> <td colspan="3" style="padding: 5px;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; padding: 5px;">CLAIMS</td> <td style="width: 25%; padding: 5px;">NUMBER FILED</td> <td style="width: 25%; padding: 5px;">NUMBER EXTRA</td> <td style="width: 25%; padding: 5px;">RATE</td> </tr> <tr> <td>Total claims</td> <td>11 - 20 =</td> <td>0</td> <td>x \$18.00</td> </tr> <tr> <td>Independent claims</td> <td>1 - 3 =</td> <td>0</td> <td>x \$84.00</td> </tr> <tr> <td colspan="2">Multiple Dependent Claims (check if applicable).</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><b>\$0.00</b></td> </tr> </table> </td> </tr> <tr> <td colspan="3" style="padding: 5px; text-align: center;"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> </tr> <tr> <td colspan="3" style="padding: 5px;"> <input type="checkbox"/> Applicant claims small entity status. 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IN RE APPLICATION OF: [REDACTED] Jean-Louis GERSTENMAYER

SERIAL NO.: New U.S. PCT Application (Based on PCT/FR00/00917)

FILED: HEREWITH

FOR: TWO-DIMENSIONAL DETECTOR OF IONIZING RADIATION AND PROCESS  
FOR MANUFACTURING THIS DETECTORASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application.

No additional fee is required.

Small entity status of this application under 37 C.F.R. §1.9 and §1.27 has been established by a verified statement previously submitted.

Small entity status of this application under 37 C.F.R. §1.9 and §1.27 has been established by a verified statement submitted herewith.

Additional documents filed herewith: English Translation, Declaration, Notice of Priority, Check for \$890.00, Drawings (3 sheets), PCT Transmittal Letter, Preliminary Amendment, PCT/IB/304, PCT/IB/308, International Search Report, Request for Consideration, Translation of Annexes to the International Preliminary Examination Report Amended Sheets 1 and 1a.

**The fee has been calculated as shown below:**

	(Col. 1)	(Col. 2)	(Col. 3)	SMALL ENTITY	OTHER THAN A SMALL ENTITY
TOTAL	* 11	MINUS	** 20	= 0 X9 = \$	X18 = \$ .00
INDEP	* 1	MINUS	*** 3	= 0 X40 = \$	X80 = \$ .00
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			+135=	\$	+270= \$
			TOTAL	\$	TOTAL \$ .00

A check in the amount of \$ \_\_\_\_\_ is attached.

Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.



22850

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

  
Marvin J. Spivak  
Attorney of Record  
Registration No. 24.913  
Surinder Sachar  
Registration No. 34.423

(703) 413-3000

\*If the entry in Column 2 is less than the entry in Column 1 write "0" in Column 3.

\*\*If the "Highest Number Previously paid for" IN THIS SPACE is less than 20 write "20" in this space.

\*\*\*If the "Highest Number Previously paid for" IN THIS SPACE is less than 3 write "3" in this space.